

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:3336
ANSWERED ON:12.05.2006
SETTING UP OF RIVERBED POWER HOUSE
Scindia Shri Jyotiraditya Madhavrao

Will the Minister of POWER be pleased to state:

- (a) whether the Government proposes to set up 1200 MW Riverbed Power House with six-turbine generation units as a part of the Sardar Sarovar Dam Project;
- (b) if so, the details thereof; and
- (c) the time by which it is likely to be completed?

Answer

THE MINISTER OF POWER(SHRI SUSHILKUMAR SHINDE)

(a) & (b) : The 1200 MW River Bed Power House (RBPH) is a part of the Sardar Sarovar Hydro Electric Project, which is a joint venture between Governments of Gujarat, Maharashtra and Madhya Pradesh with a share of 16%, 27% and 57% respectively. The project envisages construction of the power complex on Narmada river near Navagam village and canal system to create an irrigation potential of 17.92 lakh hectares in Gujarat and Rajasthan. The salient features of the various components of the Project are:- -Unit No. I (Dam & Appurtenant Works): Comprising of 1210 m long and 126 m high concrete gravity dam across the main Narmada river along with appurtenant works. - Unit No. II (Canals): Comprising of 458 Km long Narmada Canal (NMC) up to Gujarat-Rajasthan border, 42 branch canals with gross length of 2524 Km, 7500 Km distributaries and nearly 30,000 Km minors and sub-minors. The vast network of distribution system, including field channels, will have an aggregate length of about 75,000 Km. - Unit-III (Hydro Power): Comprising an underground River Bed Power House (RBPH) with six units each of 200 MW reversible type Francis turbine, a surface Canal Head Power House (CHPH) with five units each of 50 MW conventional type Kaplan turbine, a switch yard complex and the power transmission network.

(c) : Five generator units of 200 MW each of River Bed Power House of Sardar Sarovar Hydro Electric Project have been commissioned progressively from February, 2005 to March, 2006. The sixth unit is likely to be commissioned by June, 2006.